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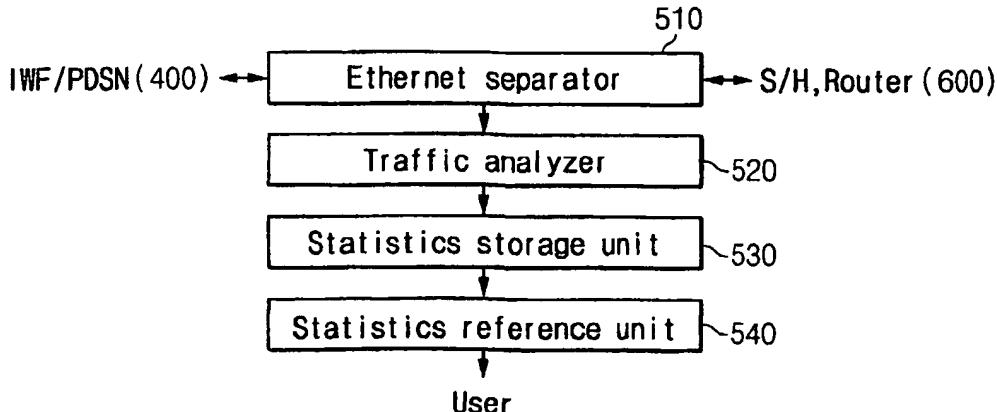
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(54) Title: APPARATUS FOR ANALYZING THE PACKET DATA ON MOBILE COMMUNICATION NETWORK AND METHOD THEREOF



(57) Abstract: A packet data analyzer on a mobile communication network for analyzing packet data traffic, monitoring services, generating billing information per data service, and monitoring the network based on a protocol analysis, comprises a packet data separator provided between one of a mobile communication exchange and a packet controller that provide a wireless data service to the subscriber, and the service server, for separating user packet data transmitted between one of the mobile communication exchange and the packet controller and the service server, and receiving the user packet data; a traffic analyzer for separating the user packet data received through the packet data separator according to transmission directions, and analyzing the user packet data; a statistics storage unit for storing and managing result data analyzed by the traffic analyzer; and a statistics reference unit for retrieving data stored in the statistics storage unit, and providing statistical information desired by the user.

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<b>A. CLASSIFICATION OF SUBJECT MATTER</b>		
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According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korean Patents and applications for inventions since 1990		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) ESPACENET "analyzing", "packet", "mobile", "communication"		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,A	KR, 2002085898 (C&C INSTR CO LTD (KR)), 18 Nov. 2002 (18. 11. 2002), see the whole document	1
A	EP, 1014623 (MITSUBISHI MATERIALS CORP (JP)), 28 Jun. 2000 (28. 6. 2000), see the whole document	1
A	EP, 0938222 (SAMSUNG ELECTRONICS CO LTD (KR)), 25 Aug. 1999 (25. 8. 1999), see the whole document	1
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